



P R E S T I G E
L E D L I G H T I N G

Glow P54 White LED Par

USER MANUAL



3WX54PCS LED
SPOTLIGHT/162W

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1. SUMMARY

Thank you for purchasing our Glow P54 White LED Par. Please read these instructions carefully before operating the system to avoid any possible damage or misuse.

PRODUCT INTRODUCTION

The LED Par Glow P7B LED Par Beam has 8 channels with an excellent built-in program that can be controlled by sound under the master/slave mode. Other functions that features on the light include dimming, strobe, gradual change, fading, gray change etc. settings. It is recommended that an international standard DMX 512 signal is used for best results.

CONTENT LIST

- GLOW P54 White LED PAR (x1)
- DMX cable (x1)
- Unser manual (x1)
- Warranty Card (x1)

2. SAFETY INFORMATION

SAFETY NOTES

Seek advice from a professional prior to authoring any repairs
Always ensure the system is disconnected from the power source before assembling, deconstructing and moving
Avoid direct eye exposure when in use



SAFETY INSTRUCTIONS

Ensure the power supply voltage corresponds with the required voltage for the light, and is within the range of the requested technical restrictions.

Before installing, check the lights' fasteners and mechanical structures are in good condition and there is no apparent damage.

When operating the light, the working temperature must be kept below 50 degrees.

The fixtures can be mounted in any position, provided there is adequate room for ventilation. Make sure there are no inflammable and explosive items within 0.5 meters of the fixture.

The yellow/green cables are for earthing safety. These should not flicker when fixture is in use.

3. FEATURES

- Channel: 8 channels with excellent built-in program, controlled by sound under master/slave mode, accept DMX512 signal control (2700K-5600K color temperature optional, full bright is 3200K)
- Functions: 7 menu modes (include dimmer, strobe, auto-run, gradual change, jump change, single color, full color, sound-active)

4. DMX CONTROL

DMX CHANNEL (8CH)

Channel	DMX value	Control Function	Remarks
1CH	0-255	Dark to Bright	Master dimmer
2CH	0-255	Dark to Bright	12 pcs 2700K warm white LED dimmer
3CH	0-255	Dark to Bright	14 pcs 2700K warm white LED dimmer
4CH	0-255	Dark to Bright	14 pcs 5600K cool white LED dimmer
5CH	0-255	Dark to Bright	14 pcs 5600K cool white LED dimmer
6CH	0-7	Light off	When CH7 is over 31, this function is Invalid
	8-250	Strobe Speed (from slow to fast)	
	251-255	Light on	
7CH	0-95	Mixed program inside	
	96-127	Dynamic open gradual change	
	128-159	Dynamic open jump-change	
	160-191	Dynamic open strobe jump-change	
	192-255	2700K-5600K color temperature of dynamic open jump-change	
8CH	0-255	Mixed speed-control	

5. MENU INSTRUCTIONS

DISPLAY FUNCTION

Display			
⊙	⊙	⊙	⊙
Esc	Down	UP	Enter

Keyboard self-lock function: Keyboard will automatically lock (become inactive) if no button is pressed for over thirty seconds. To reactivate keyboard, hold down any key for 3 seconds.

Menu 1: (DMX - A001) Press Enter to edit the address and press Down or UP to turn select values, then press Enter to save Strobe will be displayed if there is no signal.

Menu 2: Press Esc, then press Down or UP to select Display: Auto. Press Enter to select Auto-run patter (O is the dynamic white color gradual change, 1 is the dynamic white color jump-change, and 2 is the color temperature of dynamic white color jump-change)

Menu 3: Press Esc, then press Down or UP to select Display: Auto. Press Enter to select sound-active pattern (O is the dynamic white color gradual change, 1 is the dynamic white color jump-change, and 2 is the color temperature of dynamic white color jump-change). When silent, the auto-run setting is activated (takes about 20 seconds to automatically change color one time).

Menu 4: Press Esc, then press Down or UP to select Sound. Press Enter to enter the sound-active and strobe mode

Menu 5: Press Esc, then press Down or UP to select COLr. Press Enter to enter the color demo mode

Menu 6: Press Esc, then press Down or UP to select: SPed. Press Enter to enter the speed setting for auto-run mode. Press Down or UP to choose the speed values. A total of 32 speed levels can be chosen (0-31) (00 level is the fastest, 31 level is the slowest)

6. OPERATING CONTROL INSTRUCTIONS

35. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$ $\frac{1}{256} \times \frac{1}{256} = \frac{1}{65,536}$

7. XLR CABLE CONNECTING

[illegible]

As below: pin 1 - ground, pin 2 - negative signal, pin 3 - positive signal

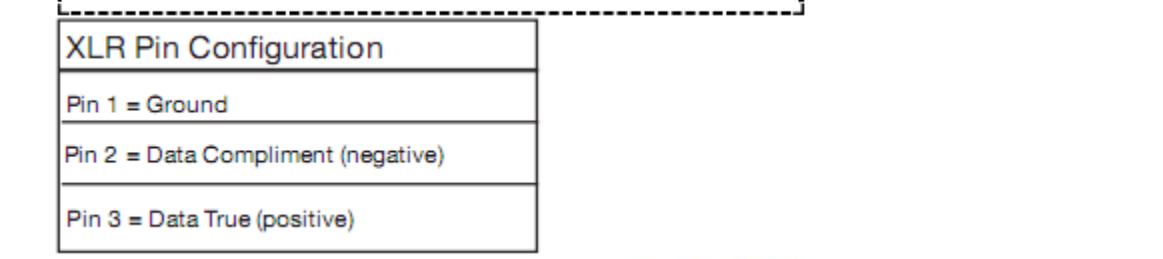
XLR Male Socket	XLR Female Socket
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3 Hot



3 Hot





PRESTIGE

LED LIGHTING

Note: In order to avoid failures and interference with signal transmission, connect a resistance 120Ω ($1/4W$) at the end of the DMX connection as shown below:



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120Ω $1/4 W$) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

The conversion between 3 pin and 5 pin XLR.

If the output cable of the DMX512 controller is a 5PIN, a 5PIN to 3PIN cable is necessary.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

8. TROUBLE SHOOTING

Problem	Suggestions
The light won't turn on	<ul style="list-style-type: none">Check if the power plug is working normallyCheck if the light switch is off or onCheck if the power supply is working normally
The DMX is not controlling the light	<ul style="list-style-type: none">Check if the DMX cable is connected to the light properlyCheck if the DMX512 controller is working normally.Check if the DMX cable is damaged.Check if the light is in DMX mode (Addr:001).
The display is not working	<ul style="list-style-type: none">When the electricity is connected, the LED should flash once. If this is not the case, check the power switch and transformer.Check if the power input of the IC board is working.

	<p>Check if the cable connected to the display is secure.</p> <p>Change the main board to ensure that it is working properly.</p> <p>Change the display.</p>
The LED is not light	<p>When the electricity is connected, the LED should flash once. If this is not the case, check the power switch and transformer.</p> <p>Check if the power input of the IC board is working.</p> <p>Check if the cable connected to the display is secure.</p> <p>Change the main board to ensure that it is working properly.</p>
Some of the LEDs are not light	<p>Check if the LEDs are secure, as the LED is connected by LEDs in series.</p> <p>Use the multimeter (diode) to check if the LED is bright or not. If not, the LED will need replacing.</p> <p>Check constant current IC is working properly (compared with the normal IC).</p>

Note: Seek advice from a professional prior to authoring any repairs